| Inde | x of | Clair | ns |
|------|------|-------|----|
|      |      |       |    |

| Application/Contro | l No. |
|--------------------|-------|
|--------------------|-------|

Applicant(s)/Patent under Reexamination

10/632,137 Examiner

CURRY ET AL. Art Unit

Krisna Lim

2153

R Rejected Allowed

(Through numeral) Cancelled

Non-Elected N

Appeal Α

Restricted

Interference

0 Objected

|               |                                  | <u> </u> | _            |          |               |                                                  | J                                                |                                                  |          | <u> </u>        |
|---------------|----------------------------------|----------|--------------|----------|---------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|-----------------|
| Cla           | im                               | Date     |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               |                                  | $\vdash$ | Г            | Г        | <del>Г,</del> |                                                  | Ĭ                                                |                                                  | Γ        | $\vdash$        |
| a             | Original                         | 5/26/07  | Į            |          |               |                                                  |                                                  |                                                  |          |                 |
| Final         | ij                               | /26      |              |          |               |                                                  |                                                  | }                                                |          |                 |
| ł –           | 0                                | 3        | ł            |          | ļ             |                                                  |                                                  |                                                  |          |                 |
|               | 1                                | R        | _            | $\vdash$ | $\vdash$      | $\vdash$                                         | <del>                                     </del> |                                                  | _        | Н               |
|               | 2                                | R        | $\vdash$     |          | $\vdash$      |                                                  | _                                                | _                                                |          | Н               |
|               | 1<br>2<br>3                      | R        |              | Т        |               |                                                  |                                                  |                                                  | $\vdash$ | Н               |
|               | 4                                | R        |              | <b>-</b> |               | $\vdash$                                         |                                                  |                                                  |          | Н               |
|               | 5                                | R        |              |          | Г             | 一                                                |                                                  |                                                  |          | П               |
|               | 6                                | R        |              |          |               |                                                  |                                                  |                                                  |          | П               |
|               | 7                                | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 8                                | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 8<br>9<br>10                     | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 10                               | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 11                               | R        | _            |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 12                               | R        | L            | <u> </u> |               | _                                                | _                                                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          | Ш               |
|               | 13                               | R        |              |          | <u></u>       | <u> </u>                                         | <u> </u>                                         | _                                                | <u> </u> | Ш               |
|               | 14                               | R        | _            |          | _             | _                                                |                                                  | <u> </u>                                         | <u> </u> | Ш               |
| ļ             | 11<br>12<br>13<br>14<br>15<br>16 | R        | ⊢            | ₩        | <u> </u>      | <u> </u>                                         | <u> </u>                                         | $\vdash$                                         | <u> </u> | Н               |
|               | 16                               | R        | ⊢            | _        | <u> </u>      | ┡                                                |                                                  | <u> </u>                                         | <u> </u> | Щ               |
|               | 17<br>18                         | R        | _            | <b> </b> | _             | _                                                |                                                  | _                                                | _        | Н               |
|               | 18                               | R        | ├            | ├        | <u> </u>      | ⊢                                                |                                                  | _                                                | <u> </u> | Н               |
|               | 19                               | R<br>R   | ⊢            | ├        | $\vdash$      | ⊢                                                | -                                                | -                                                | _        | Н               |
| $\vdash$      | 20<br>21<br>22                   | R        | -            | -        | ├—            | ├—                                               |                                                  | _                                                | _        | Н               |
|               | 22                               | R        | H            | ⊢        | H             | -                                                | -                                                | <del> </del>                                     |          | Н               |
|               | 22                               | R        | $\vdash$     | $\vdash$ | $\vdash$      | ⊢                                                | <del> </del>                                     | -                                                | _        | Н               |
|               | 23<br>24                         | R        | -            | $\vdash$ | Η.            | ┢                                                | _                                                | -                                                | ┢        | Н               |
| -             | 25                               | R        | $\vdash$     | $\vdash$ | $\vdash$      | <del>                                     </del> |                                                  | <del>                                     </del> | -        | H               |
|               | 26                               | R        | $\vdash$     | $\vdash$ | $\vdash$      | $\vdash$                                         |                                                  | $\vdash$                                         |          | Н               |
|               | 26<br>27                         | R        |              | $\vdash$ | $\vdash$      | $\vdash$                                         |                                                  | $\vdash$                                         | -        | Н               |
|               | 28                               | R        |              |          |               |                                                  |                                                  |                                                  |          | П               |
|               | 28<br>29                         | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 30                               | R        |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 31                               |          |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 31<br>32<br>33                   |          |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               | 33                               |          |              |          |               |                                                  |                                                  | $\Box$                                           |          | Ш               |
| $\square$     | 34                               | <u> </u> | <u>_</u>     | <u> </u> | _             | _                                                | L_                                               |                                                  | L_       | Ш               |
| $\sqcup$      | 35                               | _        | <u> </u>     | <u> </u> | <u> </u>      |                                                  | _                                                |                                                  | <u> </u> | Ш               |
| $\vdash$      | 36                               | <u> </u> | <u> </u>     | $\vdash$ | -             | _                                                | <u> </u>                                         | <u> </u>                                         | <u> </u> | Щ               |
| <del>  </del> | 37                               | _        | <u> </u>     | $\vdash$ | $\vdash$      |                                                  | $\vdash$                                         | _                                                | $\vdash$ | Ш               |
| $\vdash$      | 38                               | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$      | $\vdash$                                         | -                                                | <u> </u>                                         |          | $\vdash \vdash$ |
|               | 39<br>40                         | <u> </u> | -            |          | -             | $\vdash$                                         | <u> </u>                                         | —                                                | -        | $\vdash \vdash$ |
| <b>  </b>     | 41                               |          | <del> </del> |          | -             | -                                                |                                                  | Ь—                                               | $\vdash$ | Н               |
| $\vdash$      | 41                               | $\vdash$ | —            | $\vdash$ | -             | -                                                | -                                                |                                                  |          | $\vdash\vdash$  |
|               | 43                               | $\vdash$ | <del> </del> | $\vdash$ | $\vdash$      | $\vdash$                                         | $\vdash$                                         | H                                                | -        | $\vdash \vdash$ |
|               | 44                               | $\vdash$ | <del> </del> | $\vdash$ | $\vdash$      | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | $\vdash$ | $\vdash$        |
| $\vdash$      | 45                               |          |              | $\vdash$ | $\vdash$      | $\vdash$                                         | $\vdash$                                         | H                                                |          | $\vdash$        |
|               | 46                               | $\vdash$ | —            | $\vdash$ |               | -                                                | _                                                | -                                                | $\vdash$ | $\vdash$        |
| $\vdash$      | 47                               | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$      | $\vdash$                                         | $\vdash$                                         | H                                                | $\vdash$ | $\vdash$        |
|               | 48                               |          | $\vdash$     | $\vdash$ | $\vdash$      | _                                                | $\vdash$                                         |                                                  |          | $\vdash \vdash$ |
|               | 49                               |          |              |          |               |                                                  |                                                  |                                                  |          | П               |
|               | 50                               |          |              |          |               |                                                  |                                                  |                                                  |          |                 |
|               |                                  | _        | _            |          |               |                                                  |                                                  |                                                  | _        |                 |

| Cla      | aim      |                                     |                    |                                     |                    | Date     | 9        | •        |                                     |          |
|----------|----------|-------------------------------------|--------------------|-------------------------------------|--------------------|----------|----------|----------|-------------------------------------|----------|
|          | =        |                                     |                    |                                     |                    |          |          |          |                                     |          |
| Final    | Original |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 51       |                                     |                    |                                     |                    |          |          |          |                                     |          |
| 1        | 52       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 53       |                                     | $\overline{}$      |                                     |                    |          |          |          |                                     |          |
|          | 54       | $\vdash$                            | $\vdash$           |                                     | $\vdash$           | $\vdash$ | -        | _        |                                     | $\vdash$ |
| <b></b>  | 55       | $\vdash$                            | $\vdash$           | _                                   | $\vdash$           |          | _        |          |                                     | $\vdash$ |
| -        | 56       |                                     | $\vdash$           | _                                   | $\vdash$           |          | _        |          | H                                   | ┝        |
| -        | 57       | $\vdash$                            | ├                  |                                     |                    | <u> </u> | ⊢        |          | -                                   | ⊢        |
| <u> </u> | 57       | <del> </del>                        | $\vdash$           | <u> </u>                            | $\vdash$           |          | $\vdash$ |          | <del>  </del>                       | -        |
| -        | 58       | -                                   | <u> </u>           | <u> </u>                            | ┝                  | <u> </u> | <u> </u> |          |                                     | <u> </u> |
| <u> </u> | 59       |                                     | <u> </u>           | _                                   | <u> </u>           | _        | <u> </u> |          | _                                   | <u> </u> |
|          | 60       |                                     |                    |                                     |                    |          | _        |          |                                     | <u> </u> |
| <u> </u> | 61<br>62 | <u> </u>                            | <u> </u>           | <u> </u>                            |                    | _        | Ŀ        | <u> </u> | <u> </u>                            | _        |
|          | 62       |                                     |                    |                                     | $oxed{oxed}$       | <u> </u> |          | <u> </u> | L                                   |          |
|          | 63       |                                     |                    |                                     |                    |          |          |          |                                     | L        |
|          | 64       | ·                                   |                    |                                     |                    |          |          |          | oxdot                               | $\Box$   |
|          | 65       |                                     | $\Box$             | L                                   |                    |          |          |          |                                     |          |
|          | 66       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxedsymbol{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxedsymbol{oxed}$ |          |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |
|          | 67       |                                     |                    |                                     |                    |          | L        |          |                                     |          |
|          | 68       |                                     |                    |                                     |                    |          | <u> </u> |          | L                                   |          |
|          | 69       | _                                   |                    |                                     | <u> </u>           |          | L        |          | _                                   | _        |
|          | 70       |                                     |                    |                                     |                    | _        |          |          |                                     | _        |
|          | 71       |                                     | <u> </u>           | _                                   | <u> </u>           | _        |          |          |                                     |          |
| ·        | 72<br>73 |                                     | L                  |                                     | $\vdash$           | _        | _        |          |                                     | <u> </u> |
| ·        | 74       | -                                   | ┡                  |                                     | ┝                  | <u> </u> | _        |          |                                     | <u> </u> |
|          | 75       | -                                   | $\vdash$           | _                                   | ├                  | -        | _        |          | -                                   |          |
| <u> </u> | 76       |                                     | H                  |                                     | $\vdash$           |          |          | $\vdash$ |                                     |          |
|          | 77       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 78       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 78<br>79 |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 80       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 81       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 82       |                                     | L                  |                                     |                    |          |          | <u> </u> |                                     |          |
| <u> </u> | 83       |                                     | L                  | <u> </u>                            |                    |          |          |          |                                     |          |
|          | 84       | L                                   |                    | $oxed{oxed}$                        |                    | Ш        |          |          | Ш                                   |          |
|          | 85       |                                     |                    |                                     |                    |          | <u> </u> | <u> </u> | Ш                                   | Ш        |
|          | 86       | $\sqcup$                            | <u> </u>           | <u> </u>                            | <u> </u>           | Ш        | oxdot    | <u> </u> | Щ                                   | _        |
|          | 87       |                                     | _                  | <u> </u>                            |                    |          | <u> </u> | <u> </u> | <u> </u>                            | _        |
| -        | 88<br>89 | H                                   | $\vdash$           | $\vdash$                            | -                  | H        | H        | ⊢        | $\vdash$                            | $\vdash$ |
|          | 90       | $\vdash$                            |                    |                                     |                    |          | H        | $\vdash$ | $\vdash$                            |          |
|          | 91       | $\vdash$                            | -                  | $\vdash$                            | -                  |          | _        | -        | $\vdash$                            | -        |
|          | 92       | $\vdash$                            |                    | Н                                   |                    |          |          | Η.       | $\vdash$                            |          |
|          | 93       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 94       |                                     |                    |                                     |                    |          |          |          |                                     |          |
|          | 95       | Ш                                   |                    |                                     |                    |          |          |          |                                     |          |
| <u> </u> | 96       |                                     |                    |                                     |                    |          |          | Ш        |                                     |          |
| -        | 97<br>98 | <u> </u>                            |                    |                                     |                    |          |          |          |                                     |          |
| $\vdash$ | 98       | _                                   | -                  |                                     |                    | $\vdash$ | _        | $\vdash$ | $\vdash$                            | _        |
|          | 100      |                                     |                    |                                     |                    |          |          |          | H                                   |          |
|          |          | _                                   | _                  | _                                   | _                  |          |          | _        | _                                   |          |

| Cla   | aim                                    | Date           |          |              |              |              |          |                |                                                  |                 |
|-------|----------------------------------------|----------------|----------|--------------|--------------|--------------|----------|----------------|--------------------------------------------------|-----------------|
|       |                                        |                |          | Г            |              |              |          |                | Г                                                |                 |
| al    | Original                               | }              |          |              |              | :            |          |                |                                                  |                 |
| Final | rig                                    |                |          |              |              |              |          |                |                                                  |                 |
|       |                                        |                |          |              |              |              |          |                |                                                  |                 |
|       | 101                                    |                |          |              |              |              |          |                | -                                                |                 |
|       | 102                                    |                |          |              | Г            |              | П        |                |                                                  |                 |
|       | 103                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 104<br>105                             |                |          | Γ            | _            |              |          |                |                                                  |                 |
|       | 105                                    |                |          |              |              |              |          | Г              | Г                                                | $\Box$          |
|       | 106                                    |                |          |              |              |              |          | Γ              |                                                  |                 |
|       | 107                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 107<br>108                             |                |          |              |              |              |          |                |                                                  |                 |
|       | 109                                    |                |          | L            | L            |              |          |                | L                                                |                 |
|       | 110                                    |                | <u> </u> |              |              |              | $\Box$   |                |                                                  |                 |
|       | 111                                    |                |          | oxdot        |              |              |          |                |                                                  |                 |
|       | 112                                    |                |          |              |              |              | _        |                | L                                                |                 |
|       | 113                                    | _              |          |              | L.           | <u> </u>     | _        | <u>_</u>       | _                                                | Ш               |
|       | 110<br>111<br>112<br>113<br>114<br>115 | _              |          | <u> </u>     | <u> </u>     |              | _        | <u> </u>       | <u> </u>                                         | Ш               |
|       | 115                                    |                | _        |              | _            | L            | <u> </u> | $oxed{oxed}$   | _                                                | Ш               |
|       | 116<br>117                             | _              | L_       | <u> </u>     | _            |              | _        | $oxed{oxed}$   | <u> </u>                                         | Ш               |
|       | 117                                    |                |          |              | <u> </u>     |              | _        | <u> </u>       | <u> </u>                                         | Ш               |
|       | 118                                    | _              |          | <u>_</u>     | <u> </u>     |              | <u> </u> | <u> </u>       | _                                                |                 |
|       | 119                                    |                |          | L            | _            |              | Ŀ        | <u> </u>       | L                                                | Щ               |
|       | 120                                    | _              |          | L            |              |              | 匚        |                |                                                  |                 |
|       | 121<br>122                             |                |          |              | _            |              |          |                | L                                                |                 |
|       | 122                                    |                |          |              |              |              | <u> </u> |                | _                                                | Щ               |
|       | 123                                    |                | ļ        | <u> </u>     | <u> </u>     |              | <u> </u> |                |                                                  | Щ               |
|       | 124<br>125                             |                |          | _            | <u> </u>     |              | <u> </u> |                |                                                  | Ш               |
|       | 125                                    |                |          |              |              | ļ            | ļ        | ┡              | _                                                | Щ               |
|       | 126                                    | _              |          | _            | _            |              | _        |                | L                                                | _               |
|       | 127<br>128<br>129                      |                |          |              |              | <u> </u>     |          | <u> </u>       | _                                                |                 |
|       | 128                                    |                |          |              | -            | -            |          | _              | $\vdash$                                         | $\dashv$        |
|       | 129                                    | ⊢              |          |              | _            | _            |          | _              |                                                  | $\dashv$        |
|       | 130<br>131                             | $\vdash$       | $\vdash$ | <del> </del> | <b>-</b>     |              |          | <del>-</del> - | $\vdash$                                         | $\vdash$        |
|       | 122                                    | ├              |          | $\vdash$     | <del> </del> | <del> </del> | -        | <b> </b>       | <del>                                     </del> | $\vdash$        |
|       | 132<br>133                             | $\vdash$       | <u> </u> | $\vdash$     | <del> </del> |              |          | -              | $\vdash$                                         | $\vdash$        |
|       | 134                                    | $\vdash$       | $\vdash$ | $\vdash$     | <u> </u>     | <u> </u>     | $\vdash$ |                | -                                                | $\vdash\vdash$  |
|       | 135                                    | $\vdash$       | -        | -            |              | H            |          | H              | -                                                |                 |
|       | 135<br>136                             | <del>  -</del> |          | <del> </del> |              | -            | _        | <del></del>    | $\vdash$                                         | Н               |
|       | 137                                    | _              |          | -            | —            | -            | _        | _              |                                                  | $\vdash \vdash$ |
|       | 138                                    | $\vdash$       | H        |              | М            |              |          | Н              |                                                  | $\vdash$        |
|       | 138<br>139                             |                |          | Г            |              |              |          |                |                                                  | $\square$       |
|       | 140                                    |                | <u> </u> |              |              |              |          | П              |                                                  | П               |
|       | 141                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 142                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 143                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 144                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 145                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 146                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 147                                    |                |          |              |              |              |          |                |                                                  |                 |
|       | 148                                    |                |          |              |              | Щ            | $\Box$   |                |                                                  |                 |
|       | 149                                    |                | <u> </u> |              |              | L            |          | L.,            |                                                  | Ш               |
|       | 150                                    |                |          |              |              |              |          |                |                                                  |                 |